

WHAT IS CLAIMED IS:

1. A method of analyzing a moving pictures expert group (MPEG)-formatted video/audio file, comprising:

defining a rule comprising at least one parameter that logically defines a format requirement;

reading a portion of the file;

comparing the portion of the file with the rule; and

determining whether the file violates the rule.

2. The method according to claim 1, wherein defining a rule further comprises defining a rule that comprises a parameter for addressing the portion of the file.

3. The method according to claim 2, wherein defining a rule that comprises a parameter for addressing the portion further comprises defining a rule that comprises a parameter specifying a bit rate of the file.

4. The method according to claim 1, wherein defining a rule comprises defining a rule having at least one parameter logically defining a standardized format requirement.

5. The method according to claim 1, wherein defining a rule comprises defining a rule having at least one parameter logically defining a MPEG format requirement.

6. The method according to claim 1, wherein defining a rule comprises defining a rule having at least one parameter logically defining a digital versatile disc (DVD) format requirement.

7. The method according to claim 1, wherein reading a portion of the file comprises locating a sequence header of the file.

8. The method according to claim 1, wherein comparing the portion of the file comprises determining whether the file comprises a group of pictures (GOP) header.

9. The method according to claim 1, further comprising transcoding the file upon determining the file violates the rule.

10. A system for analyzing a moving pictures expert group (MPEG)-formatted file, comprising:

a format analysis application; and

a processing element operable to execute the application, the application reading a rule having at least one logical instruction defining a format requirement and comparing a portion of the file with the rule, a determination of validity of the file made dependent upon a result of the comparison.

11. The system according to claim 10, wherein the rule comprises at least one logical instruction defining a moving pictures expert group (MPEG) format requirement.

12. The system according to claim 10, wherein the rule comprises at least one logical instruction defining a digital versatile disc (DVD) format requirement.

13. The system according to claim 10, wherein the application is adapted to compare a bit rate of the file with the rule.

14. The system according to claim 10, wherein the application is adapted to determine whether the file comprises a group of pictures (GOP) header.

15. The system according to claim 10, wherein the application is adapted to transcode the file upon determining the file violates the rule.

16. The system according to claim 10, wherein the application is adapted to read the file to determine a location of a sequence header of the file.

17. The system according to claim 10, wherein the application is adapted to determine whether the file comprises a group of pictures disposed between a sequence start code and a sequence end code of the file.

18. A computer-readable medium having stored thereon an instruction set to be executed, the instruction set, when executed by a processor, causes the processor to:

- read a rule comprising a parameter logically defining a format requirement;
- read a portion of a moving pictures expert group (MPEG) file;
- compare the portion with the parameter; and
- determine whether the portion violates the rule.

19. The computer-readable medium according to claim 14, wherein the instruction set, when executed by the processor, causes the processor to read a rule logically defining a MPEG format requirement.

20. The computer-readable medium according to claim 14, wherein the instruction set, when executed by the processor, causes the processor to read a rule logically defining a digital versatile disc (DVD) format requirement.

21. The computer-readable medium according to claim 14, wherein the instruction set, when executed by the processor, causes the processor to determine whether the file comprises a group of pictures (GOP) header.

22. The computer-readable medium according to claim 14, wherein the instruction set, when executed by the processor, causes the processor to locate a sequence header of the file.

23. The computer readable medium according to claim 14, instruction set, when executed by the processor, causes the processor to transcode the file if the file violates the rule.

24. The computer-readable medium according to claim 14, wherein the instruction set, when executed by the processor, causes the processor to determine whether the file comprises a group of pictures disposed between a sequence start code and a sequence end code of the file.